

Abstract

With a method or a device for producing 1,2-dichloroethane or ethylene (di)chloride (EDC) with the use of a circulating reaction medium and a catalyst, whereby ethylene and chlorine are supplied to the reaction medium, the goal is to permit the catalytic chlorination of ethylene in a manner that is particularly gentle to the product.

This is achieved in terms of the method and by other means in that the ethylene or chlorine gas are introduced into the reaction medium by means of microporous gas diffuser elements for producing gas bubbles with a diameter of 0.3 to 3 mm.

Drawing to be published: FIG. 1